

MicroSeal SuperSorb® Lite

Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

MicroSeal SuperSorb® Lite is a high absorbency, ultrasonically sealed edge, cleanroom laundered wiper recommended for ISO Class 3 and above environments. Made of 2 plies of 100% continuous filament polyester knit fabric, the wiper is ultrasonically bonded together, providing

exceptional absorbency. World class fiber and particle performance make MicroSeal SuperSorb® Lite suitable for the most critical spill control and cleaning applications.



Key Attributes

- 100% continuous filament polyester knit
- Two-ply pinsonic construction with unique knit structure and pattern
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom

Benefits

- Critically low particles, fibers, ions and extractables
- Light weight, high absorbency material design reduces actual cost in use compared to heavier weight products
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Pinsonic design adds surface texture that aids in stubborn residue removal

Environmental

- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight designs

Other Class 3 and above wipers

- UltraSeal® 3000
- MicroSeal® 1200
- MicroSeal SuperSorb®
- MicroSeal® VP
- ValuSeal® LP
- ValuSeal® HA
- ValuSeal® 1500

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing applications
- Excellent for spill control in processing areas where sorbency is of the greatest importance
- Chamber cleaning and CMP processing
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Cleaning of medical device products

Value Pack Option

The value pack option provides the same great performance in a more economical bulk packaging format.

Pre-Wetted Option

The same wiper material can be provided in pre-wetted formats for reduced VOC emissions, increased convenience, increased productivity, improved solvent control and cleaning protocol repeatability and reduced costs.

Sterile Validated Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10⁻⁶

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	206	TAPPI T-410
Caliper		µm	653	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	0.031	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	0.48	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	777	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	3.8	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.0045	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.024	
Ions	Na ⁺	ppm	0.041	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	0.019	
	Ca ⁺⁺	ppm	0.048	
	Mg ⁺⁺	ppm	0.031	
	Cl ⁻	ppm	0.085	

Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- Due to differences in test methods applied and equipment utilized by different wiper manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- Third party testing can be performed upon request

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	Style
MicroSeal SuperSorb® Lite	SSLT.0909B.14	9x9" (23x23cm)	100	14	Bulk
MicroSeal SuperSorb® Lite	SSLT.0909.14	9x9" (23x23cm)	100	14	Stacked
MicroSeal SuperSorb® Lite	SSLT.1212B.16	12x12" (30x30cm)	50	16	Bulk
MicroSeal SuperSorb® Lite	SSLT.1212.16	12x12" (30x30cm)	50	16	Stacked

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs